Title (en)
Occupant detecting apparatus

Title (de)
Insassenerfassungsvorrichtung

Title (fr)
Appareil de détection d'occupant

Publication
EP 2062788 A3 20110427 (EN)

Application
EP 08169343 A 20081118

Priority
JP 2007300553 A 20071120

Abstract (en)
[origin: EP2062788A2] An occupant detecting apparatus (10, 20, 30) includes a plurality of stress sensitive switches (121 - 126), each of the stress sensitive switches (121-126) having a first electrode (121a - 126a) and a second electrode (121b - 126b), a first electrode power source line (111 - 118, 21, 31), a second electrode power source line (131 - 138, 22, 32), and a break-detecting resistor (14, 24, 34), wherein each of the plurality of stress sensitive switches (121 - 126) is connected to the first electrode power source line (111 - 118, 21, 31) and the second electrode power source line (131 - 138, 22, 32) at the first electrode (121a - 126a) and at the second electrode (121b - 126b) so that each of the plurality of stress sensitive switches is provided in parallel to each other, and the break detecting resistor (14, 24, 34) is connected in series with the first electrode power source line (111 - 118, 21, 31) and in series with the second electrode power source line (131-138, 22, 32) at a position opposite from the first power source terminal (111, 25, 35) and the second power source terminal (131, 23, 35), and the break-detecting resistor (14, 24, 34) is provided at a portion (H) different from the seating surface (S).

IPC 8 full level
B60R 21/015 (2006.01); B60N 2/90 (2018.01)

CPC (source: EP)
B60N 2/003 (2023.08); B60R 21/01516 (2014.10); B60N 2210/12 (2023.08); B60N 2210/46 (2023.08)

Citation (search report)
• [X] EP 1580080 A1 20050928 - DENSO CORP [JP]
• [A] EP 1591321 A2 20051102 - DENSO CORP [JP]
• [A] EP 1800942 A1 20070627 - AISIN SEIKI [JP]
• [A] DE 102004033795 A1 20060202 - SIEMENS AG [DE]

Cited by
LU92400B1; CN106232432A; WO2015139967A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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EP 08169343 A 20081118; JP 2007300553 A 20071120